L Number	Hits	Search Text	DB	Time stamp
1	161	(free adj layer) with NiFe with CoFe	USPAT;	2004/07/27 10:39
			JPO;	
			DERWENT	
2	13	((free adj layer) with NiFe with CoFe) and	USPAT;	2004/07/27 10:42
_		(pinarbasi-mustafa.in.)	JPO;	
		(price see a	DERWENT	
3	0	(free adj layer) with NiFe with CoFe with NiFeO	USPAT;	2004/07/27 10:39
5	J	(nee adjudyer) with this e with con a with this co	JPO;	200 1101121 10100
			DERWENT	
4	11	(nonmagnetic adj isolation) and (pinarbasi-mustafa.in.)	USPAT;	2004/07/27 10:42
*	11	(nonnagnetic auj isolation) and (pinarbasi-mustala.in.)	JPO:	2004/01/21 10.42
		·	DERWENT	
	474	260/224 4 224 44 224 42 colo	USPAT;	2004/07/26 10:07
-	474	360/324.1,324.11,324.12.ccls.		2004/07/20 10.07
			JPO;	
		107/107 104	DERWENT	0004/07/00 40:07
•	9077	427/127-131.ccls.	USPAT;	2004/07/26 10:07
			JPO;	
			DERWENT	
-	524	29/603.07,603.09,603.13,603.14.ccls.	USPAT;	2004/07/26 10:07
			JPO;	
		, ,	DERWENT	
' -	12	(US-5528440-\$ or US-6731479-\$ or US-6636396-\$ or	USPAT; JPO	2004/07/26 09:55
		US-6668443-\$ or US-6721143-\$ or US-6185078-\$ or		
		US-5664316-\$ or US-6118624-\$ or US-6146776-\$ or	i	
		US-6208491-\$ or US-6262869-\$).did. or		
		(JP-2001230471-\$).did.	}	
_	278	(pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/27 07:58
	•	and (antiferromagnetic adj layer)	JPO;	
1		and (animonomognous asjunyan)	DERWENT	
_	134	((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/26 10:07
	10-1	and (antiferromagnetic adj layer)) and	JPO;	2001/01/20 10:01
		360/324.1,324.11,324.12.ccls.	DERWENT	
	21	((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/26 10:07
-	21	and (antiferromagnetic adj layer)) and	JPO;	2004/01/20 10:01
			DERWENT	
	15	29/603.07,603.09,603.13,603.14.ccls.		2004/07/26 10:08
-	15	((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/20 10.00
		and (antiferromagnetic adj layer)) and 427/127-131.ccls.	JPO;	
	450		DERWENT	0004/07/06 40:00
-	156	(((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/26 10:08
j		and (antiferromagnetic adj layer)) and	JPO;	
		360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and	DERWENT	
I		(spacer adj layer) and (free adj layer) and (antiferromagnetic		
į		adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or		
ļ		(((pinned adj layer) and (spacer adj layer) and (free adj layer)		
ľ		and (antiferromagnetic adj layer)) and 427/127-131.ccls.)		
-	1	((((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/27 07:56
		and (antiferromagnetic adj layer)) and	JPO;	
		360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and	DERWENT	
		(spacer adj layer) and (free adj layer) and (antiferromagnetic		
		adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or		
		(((pinned adj layer) and (spacer adj layer) and (free adj layer)		
i		and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and		
ļ		(expos\$3 with (spacer adj layer) with oxygen)		
_	15	("5408377" "5492605" "5862022" "5871622" "5986858"	USPAT	2004/07/26 10:10
		"6115224" "6134090" "6181534" "6268985" "6414826"		
		"6452763" "6466418" "6473278" "6519121"		
		"6548114").PN.		
_	3	((((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/27 09:05
	9	and (antiferromagnetic adj layer)) and	JPO;	
		360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and	DERWENT	
		(spacer adj layer) and (free adj layer) and (antiferromagnetic		
		adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or		
		(((pinned adj layer) and (spacer adj layer) and (free adj layer)		
		and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and		
ŧ		(expos\$3 same (spacer adj layer) same oxygen)	I	

-	4	((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/26 10:19
		and (antiferromagnetic adj layer)) and (expos\$3 same (spacer	JPO; DERWENT	
	5	adj layer) same oxygen) ((US-5528440-\$ or US-6731479-\$ or US-6636396-\$ or	USPAT;	2004/07/26 10:25
•		US-6668443-\$ or US-6721143-\$ or US-6185078-\$ or	JPO;	200 1101120 10120
		US-5664316-\$ or US-6118624-\$ or US-6146776-\$ or	DERWENT	
		US-6208491-\$ or US-6262869-\$).did. or		
		(JP-2001230471-\$).did.) and ((pinned adj layer) and (spacer		
		adj layer) and (free adj layer) and (antiferromagnetic adj layer))	LIODAT	2004/07/00 40:20
-	130	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and (GMR adj sensor)	USPAT; JPO;	2004/07/26 10:28
		and (antiferromagnetic adjuayer)) and (GWR adj sensor)	DERWENT	
_	0	((pinned adj layer) and (spacer adj layer) and (free adj layer)	JPO	2004/07/26 10:28
	Ĭ	and (antiferromagnetic adj layer)) and (GMR adj sensor)	ļ	
-	2	(pinned adj layer) and (spacer adj layer) and (free adj layer)	JPO	2004/07/26 10:28
		and (antiferromagnetic adj layer)		
-	11		JPO	2004/07/26 10:28
-	4	(US-6589337-\$ or US-6686068-\$ or US-6661622-\$).did. or	USPAT; JPO	2004/07/26 11:01
_	2	(UP-2000307171-\$).did. ((US-6589337-\$ or US-6686068-\$ or US-6661622-\$).did. or	USPAT;	2004/07/26 11:02
_	2	(UP-2000307171-\$).did.) and (exchange adj coupl\$3)	JPO;	2004/01/20 11:02
		(or 2000001111 tylindia) and (oxorialize dej couplity)	DERWENT	
-	0	((((pinned adj layer) and (spacer adj layer) and (free adj layer)	USPAT;	2004/07/27 07:56
		and (antiferromagnetic adj layer)) and	JPO;	
		360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and	DERWENT	
		(spacer adj layer) and (free adj layer) and (antiferromagnetic		
		adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer)		
		and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and		
		(expos\$3 with (free adj layer) with oxygen)		
-	0	(expos\$3 same (free adj layer) same oxygen) and (("5408377"	USPAT;	2004/07/27 07:56
		"5492605" "5862022" "5871622" "5986858" "6115224"	JPO;	
		"6134090" "6181534" "6268985" "6414826" "6452763"	DERWENT	
	6	"6466418" "6473278" "6519121" "6548114").PN.)	USPAT;	2004/07/27 07:56
-	8	expos\$3 with (free adj layer) with oxygen	JPO;	2004/01/21 01:30
			DERWENT	
-	307	(free adj layer) with oxid\$7	USPAT;	2004/07/27 07:57
			JPO;	
	:		DERWENT	0004/07/07 07 57
-	144	((free adj layer) with oxid\$7) and sensor	USPAT;	2004/07/27 07:57
			JPO; DERWENT	
_	139	((free adj layer) with oxid\$7) and (spin adj valve)	USPAT:	2004/07/27 09:07
		(man and man and an and the control	JPO;	
			DERWENT	
-	165	(((free adj layer) with oxid\$7) and sensor) or (((free adj layer)	USPAT;	2004/07/27 07:58
		with oxid\$7) and (spin adj valve))	JPO;	
_	319	(pinned adj layer) and (spacer adj layer) and (free adj layer)	DERWENT USPAT;	2004/07/27 07:58
•	318	and (pinning adj layer)	JPO;	2004/01/21 01:30
	·	and (parally doj layor)	DERWENT	
-	66	((((free adj layer) with oxid\$7) and sensor) or (((free adj layer)	USPAT;	2004/07/27 07:58
		with oxid\$7) and (spin adj valve))) and ((pinned adj layer) and	JPO;	
		(spacer adj layer) and (free adj layer) and (pinning adj layer))	DERWENT	0004/07/07 00 00
-	50	(((((free adj layer) with oxid\$7) and sensor) or (((free adj layer)	USPAT;	2004/07/27 08:02
		with oxid\$7) and (spin adj valve))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer)))	JPO; DERWENT	
		and cap\$4	DEIXVEIVI	
_	31	((((((free adj layer) with oxid\$7) and sensor) or (((free adj layer)	USPAT;	2004/07/27 09:01
		with oxid\$7) and (spin adj valve))) and ((pinned adj layer) and	JPO;	
		(spacer adj layer) and (free adj layer) and (pinning adj layer)))	DERWENT	
		and cap\$4) and @ad<20010102	LICDAT	2004/07/27 20:04
•	2	(((((((free adj layer) with oxid\$7) and sensor) or (((free adj layer)	USPAT; JPO;	2004/07/27 08:04
		with oxid\$7) and (spin adj valve))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer)))	DERWENT	
		and cap\$4) and NiFeO		
	ı			

-	11	("5260653" "5268806" "5606478" "5650897" "5659451" "5673163" "5804085" "5820770" "5905610" "5932343"	USPAT	2004/07/27 08:02
		"6052262").PN.	1	
l <u>-</u>	3	(((free adj layer) with oxid\$7) and (spin adj valve)) and NiFeO	USPAT:	2004/07/27 08:04
			JPO:	
			DERWENT	
	205	((free adj layer) with oxid\$7) and @ad<20010102	USPAT:	2004/07/27 08:10
-	203	((nee adjiayer) with oxide/) and @ad 20010102	JPO;	200 1,01,21
			DERWENT	
	83	(((free adj layer) with oxid\$7) and (spin adj valve)) and	USPAT:	2004/07/27 09:06
-	03	@ad<20010102	JPO:	200-707727 00:00
		@au 200 10 102	DERWENT	
1	72	pinarbasi-mustafa.in.	USPAT:	2004/07/27 10:35
-	12	pinarbasi-mustara.in.	JPO:	2004/01/21 10:55
			DERWENT	
	19	((free adj layer) with oxid\$7) and pinarbasi-mustafa.in.	USPAT:	2004/07/27 09:01
-	19	((nee auj layer) with oxidy?) and pinarbasi-indstala.iii.	JPO:	2004/07/27 00:01
1			DERWENT	
_	13	(((free adj layer) with oxid\$7) and pinarbasi-mustafa.in.) and	USPAT;	2004/07/27 10:35
	15	@ad<20010102	JPO;	200-7/01/27 10:00
		@au	DERWENT	
	12	spin adj filter adj layer	USPAT:	2004/07/27 09:05
	'2	Spiri adj liiter adj layer	JPO;	200-707727 00.00
			DERWENT	
_	1	((free adj layer) with oxid\$7) and (spin adj filter adj layer)	USPAT:	2004/07/27 09:05
-	•	(inco adjidjer) with oxider) and (spin adjinter adjidjer)	JPO;	200 1101.127 00.00
			DERWENT	
_	4	(spin adj filter adj layer) and @ad<20010102	USPAT:	2004/07/27 09:06
	•	(opin da) moi daj lajon, and wad about total	JPO:	200 0 2
			DERWENT	
	6	((free adj layer) with oxid\$7) and (spin adj valve)	JPO	2004/07/27 09:07
•	6	((tree adj layer) with oxid\$/) and (spin adj valve)	I JEO	2004/07/27 09:07